

Application No. 10/663555
Amendment dated January 17, 2006
Reply to Office Action of October 17, 2005

Docket No.: 023134.0107PTUS
(Formerly 1718-0004)

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 4, lines 9 - 21, with the following:

In one form thereof, the present invention provides a method of determining concentration of non-LDL cholesterol in a whole blood sample using a dry phase test strip. The whole blood sample is contacted with a blood separation layer of the test strip and the blood cells are separated from the sample, thereby producing plasma. The plasma so produced is then contacted with a test layer and the non-LDL fraction reacts substantially faster than the LDL fraction to produce color substantially in proportion to the concentration of non-LDL cholesterol in the sample. The color produced is measured and corresponds to the concentration of non-LDL cholesterol. The test layer employs a surfactant which acts on lipoproteins other than LDL, "non-LDLs," such that the non-LDLs react to produce color and the result is read photometrically before any LDLs have substantially reacted. In this manner, the reflectance or colorimetric response is a function of non-LDL concentration, substantially unaffected by LDL concentration.